

IPS #4

Sheet 1 of 4

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| FORM PTO-1449 (REV. 7-80) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. | SERIAL NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i> | | QCPA990343 | 09/298,798 |
| | | APPLICANT Yu-Cheun Jou | |
| | | FILING DATE 4/23/99 | GROUP 2731 2662 |
| DATE MAILED: 9/23/99 | | | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | DATE | NAME | | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---|---|---|---|---|------|---------|----------------------|-------|-----------|----------------------------|
| J.O. | A1 | 5 | 7 | 5 | 1 | 7 | 6 | 1 | 5/12/98 | Gilhousen | 375 | 200 | 9/21/94 |
| V.O. | A2 | 5 | 6 | 4 | 4 | 5 | 9 | 1 | 7/1/97 | Sutton | 375 | 200 | 5/2/96 |
| V.O. | A3 | 5 | 5 | 1 | 3 | 1 | 7 | 6 | 4/30/96 | Dean, et al. | 370 | 18 | 8/27/93 |
| J.O. | A4 | 5 | 5 | 0 | 6 | 8 | 6 | 5 | 4/9/96 | Weaver Jr. | 375 | 205 | 11/21/94 |
| V.O. | A5 | 4 | 8 | 4 | 1 | 5 | 2 | 7 | 6/20/89 | Raychaudhuri, et al. | 371 | 32 | 11/16/87 |
| V.O. | A6 | 5 | 4 | 9 | 0 | 1 | 6 | 5 | 2/6/96 | Blakeney, II et al. | 375 | 205 | 10/28/93 |
| V.O. | A7 | 5 | 4 | 4 | 2 | 6 | 2 | 7 | 8/15/95 | Viterbi, et al. | 370 | 22 | 6/24/93 |
| O.O. | A8 | 5 | 3 | 4 | 7 | 5 | 3 | 5 | 9/13/94 | Karasawa, et al. | 375 | 1 | 3/3/93 |

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

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| 1.0. | C1 | Vendor Data Sheet, "Flexwell Radiating Cable", of Radio Frequency Systems, Inc. by Cablewave Systems Division, 1993, 22 pages. |
| 1.0. | C2 | Vendor Data Sheet, "TRC500-FR, Tiaxial Antenna Cable", of Times Microwave Systems, July 1993, 6 pgs. |
| 1.0. | C3 | Vendor Data Sheet, "Distributed Communications Equipment and System Design" of Andrew Tunnel Systems, Page 424-453. |

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| V.O. | A9 | 5 2 8 9 4 9 9 | 2/22/94 | Weerackody | 375 | 1 | 12/29/92 |
| V.O. | A10 | 5 2 8 0 4 7 2 | 1/18/94 | Gilhousen, et al. | 370 | 18 | 3/9/92 |
| V.O. | A11 | 5 1 0 9 3 9 0 | 4/28/92 | Gilhousen, et al. | 375 | 1 | 11/7/89 |
| V.O. | A12 | 5 1 0 3 4 5 9 | 4/7/92 | Gilhousen, et al. | 375 | 1 | 6/25/90 |
| V.O. | A13 | 5 1 0 1 5 0 1 | 3/31/92 | Gilhousen, et al. | 455 | 33 | 11/7/89 |
| V.O. | A14 | 5 0 7 3 9 0 0 | 12/17/91 | Mallinckrodt | 375 | 1 | 3/19/90 |
| V.O. | A15 | 5 0 5 6 1 0 9 | 10/8/91 | Gilhousen, et al. | 375 | 1 | 11/7/89 |
| V.O. | A16 | 5 0 4 6 0 6 6 | 9/3/91 | Messenger | 370 | 94.1 | 2/12/87 |

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EXAMINER *David C. Dael* DATE CONSIDERED *3/13/02* Group 2700

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U.S. PATENT DOCUMENTS

| *EXAMINE R INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
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| D.O. | A17 | 5 | 0 | 1 | 8 | 1 | 6 | 5 | 5/21/91 | Sohner, et al. | 375 | 1 | 3/21/90 |
| V.O. | A18 | 4 | 9 | 8 | 4 | 2 | 4 | 7 | 1/8/91 | Kaufmann, et al. | 375 | 1 | 9/29/89 |
| V.O. | A19 | 4 | 9 | 2 | 0 | 3 | 4 | 8 | 4/24/90 | Baghdady | 342 | 433 | 10/8/87 |
| V.O. | A20 | 4 | 9 | 1 | 4 | 6 | 7 | 6 | 4/3/90 | Iwamatsu, et al. | 375 | 102 | 9/16/88 |
| V.O. | A21 | 4 | 9 | 0 | 1 | 3 | 0 | 7 | 2/13/90 | Gilhouse, et al. | 370 | 18 | 10/17/86 |
| V.O. | A22 | 4 | 8 | 6 | 6 | 7 | 3 | 3 | 9/12/89 | Morishita | 375 | 1 | 9/21/87 |
| V.O. | A23 | 4 | 8 | 6 | 6 | 7 | 3 | 2 | 9/12/89 | Carey, et al. | 375 | 1 | 1/15/86 |
| V.O. | A24 | 4 | 8 | 5 | 0 | 0 | 3 | 6 | 7/18/89 | Smith | 455 | 179 | 8/21/87 |

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EXAMINER *David O'Dell* DATE CONSIDERED *3/17/00*

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| Q.O. | A25 | 4 | 7 | 6 | 1 | 7 | 7 | 8 | 8/2/88 | Hui | | 370 | 46 | 4/11/85 | |
| D.O. | A26 | 4 | 6 | 7 | 2 | 6 | 5 | 8 | 6/9/87 | Kavehrad, et al. | | 379 | 63 | 10/23/86 | |
| D.O. | A27 | 4 | 6 | 7 | 2 | 6 | 0 | 5 | 6/9/87 | Hustig, et al. | | 370 | 76 | 3/20/84 | |
| D.O. | A28 | 4 | 4 | 7 | 5 | 2 | 1 | 5 | 10/2/84 | Gutleber | | 375 | 34 | 10/15/82 | |
| D.O. | A29 | 4 | 3 | 8 | 3 | 3 | 2 | 7 | 5/10/83 | Kruger | | 378 | 19 | 12/1/80 | |
| | A30 | | | | | | | | | | | | | | |
| | A31 | | | | | | | | | | | | | | |
| | A32 | | | | | | | | | | | | | | |

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| EXAMINER | <i>Dee O'Dell</i> | | DATE CONSIDERED <i>3/15/99 10 2700</i> |

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FORM PTO-1449

U.S. DEPARTMENT OF
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

DATE MAILED: 8/28/00

ATTY. DOCKET NO.

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SERIAL NO.

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| D.J. | B1 | 9 1 2 0 1 3 7 | 12/26/91 | PCT | Motorola, Inc. | — | — |
| D.J. | B2 | 0 8 8 7 9 7 6 | 12/30/98 | EP | Sony Corporation | — | — |
| | B3 | | | | | | |
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| EXAMINER <i>Donald J. Hall</i> | DATE CONSIDERED <i>31/13/02</i> | |

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